

ELECTRIC FURNACE EXTENDING METHOD AND EXTENSION APPARATUS  
FOR OPTICAL FIBER GLASS BODY

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ABSTRACT OF THE DISCLOSURE

An electric furnace extending method and apparatus  
for an optical fiber glass body alignment when connecting  
the extension use body and pulling member and making it  
possible to immediately start the extension after the  
fusing of the connection portion. A centering mechanism for  
centering the free end portion of the body and member on  
the furnace center side is provided between the furnace  
pipe of the electric furnace and grips of the extension use  
glass body and between the furnace pipe and the pulling  
member. The free end portion is centered by this centering  
mechanism, then the gripped sides of the body and member  
are fixed, the front ends of the two free end portions are  
abutted and fused and bonded at the highest temperature  
portion inside the electric furnace, then the highest  
temperature portion is moved to the extension portion of  
the glass body side and the extending of the glass body is  
commenced.